

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140641.D
 Acq On : 26 Nov 2024 14:55
 Operator : RC/JU
 Sample : P4860-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-005

Quant Time: Nov 26 15:24:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73436	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	269764	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	139709	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	252976	20.000	ng	0.00
76) Chrysene-d12	14.045	240	141346	20.000	ng	0.00
86) Perylene-d12	15.539	264	153491	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	362082	84.126	ng	0.00
7) Phenol-d6	6.504	99	486862	85.564	ng	-0.01
23) Nitrobenzene-d5	7.434	82	311652	59.093	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	110521	73.967	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	610897	65.150	ng	-0.01
79) Terphenyl-d14	12.980	244	621212	68.435	ng	-0.01

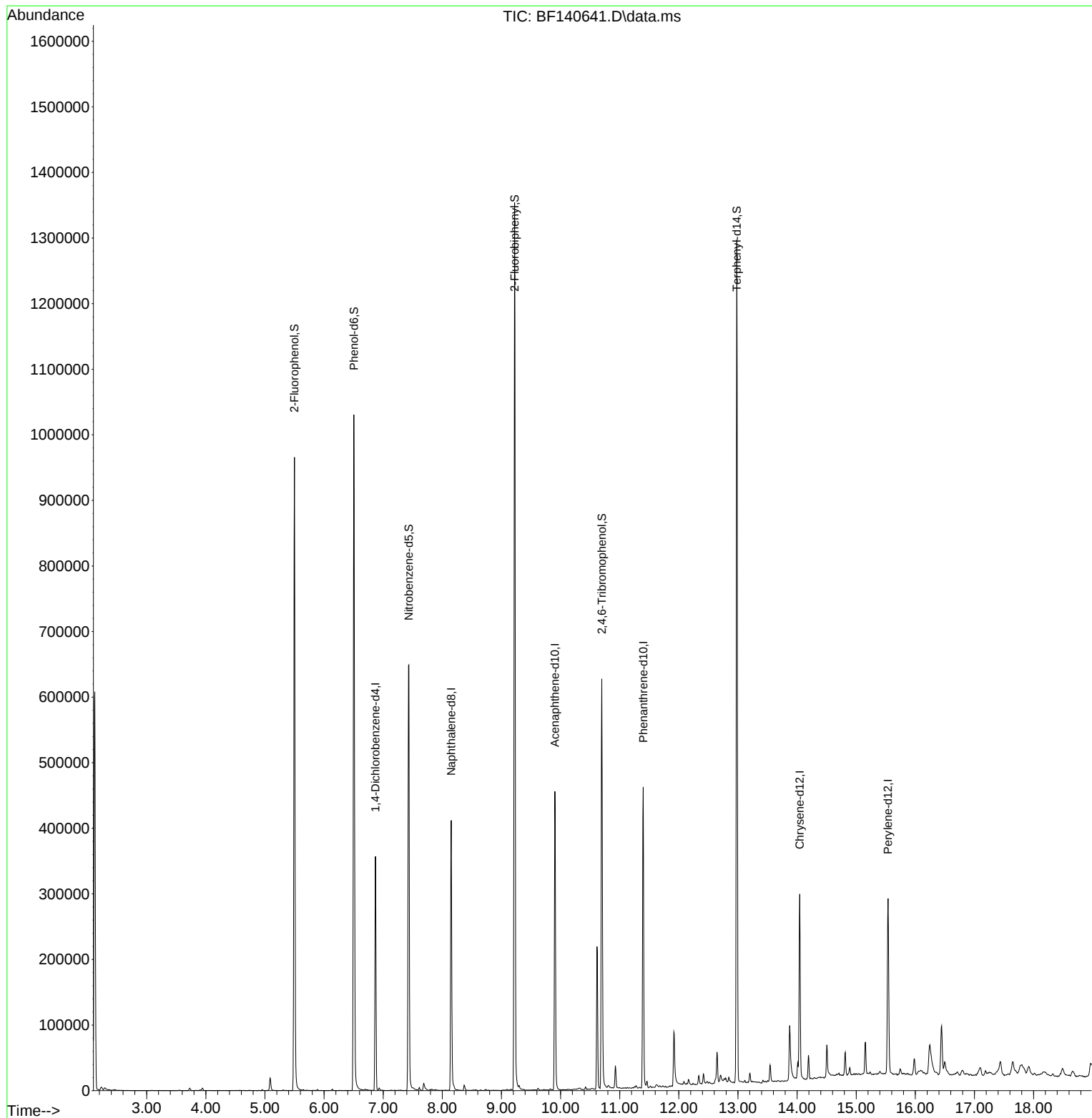
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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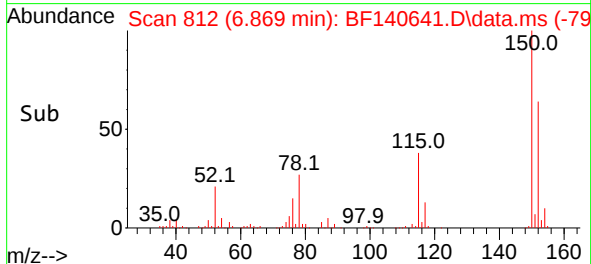
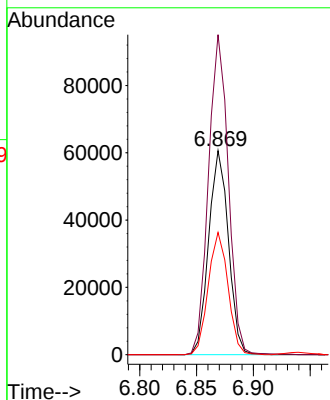
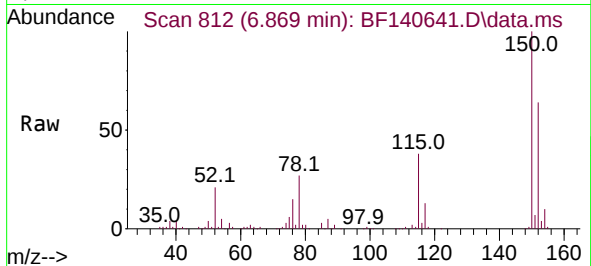




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140641.D
Acq: 26 Nov 2024 14:55

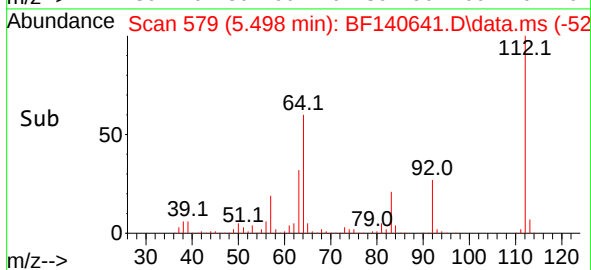
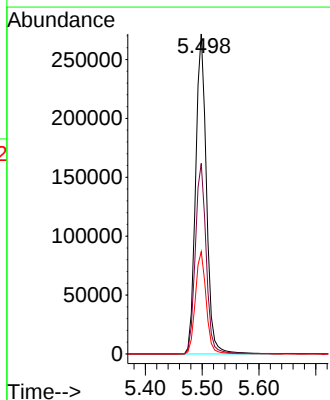
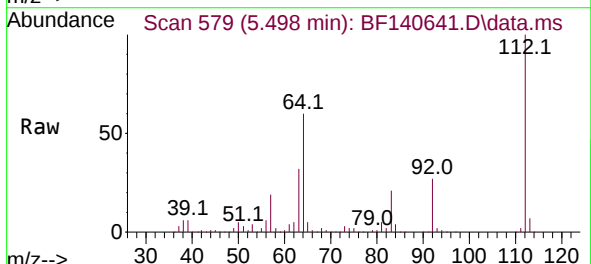
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-005

Tgt Ion:152 Resp: 73436
Ion Ratio Lower Upper
152 100
150 156.9 128.5 192.7
115 59.9 50.2 75.4



#5
2-Fluorophenol
Concen: 84.126 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140641.D
Acq: 26 Nov 2024 14:55

Tgt Ion:112 Resp: 362082
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 31.9 27.0 40.4





#7

Phenol-d6

Concen: 85.564 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140641.D

Acq: 26 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-005

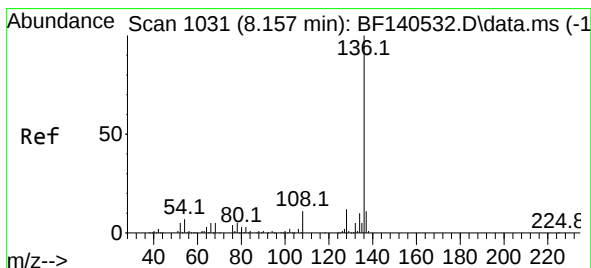
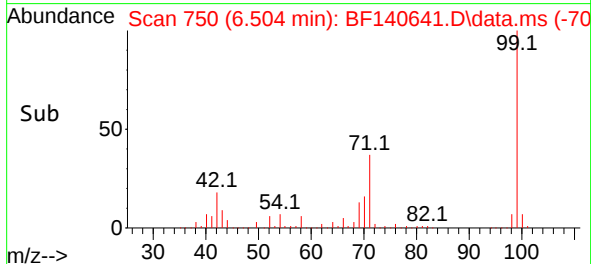
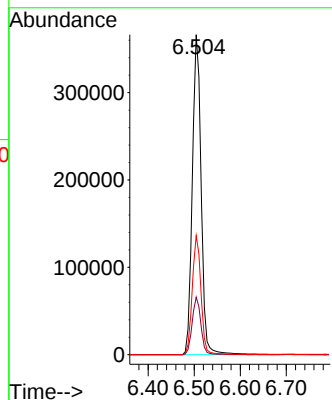
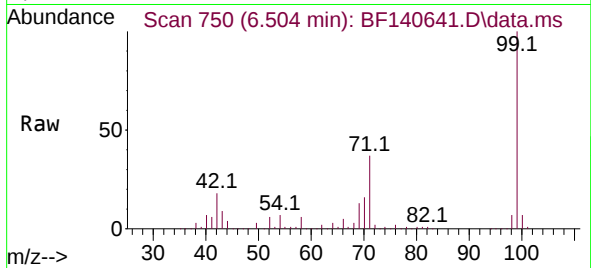
Tgt Ion: 99 Resp: 486862

Ion Ratio Lower Upper

99 100

42 18.0 15.4 23.0

71 37.2 30.6 46.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF140641.D

Acq: 26 Nov 2024 14:55

Tgt Ion: 136 Resp: 269764

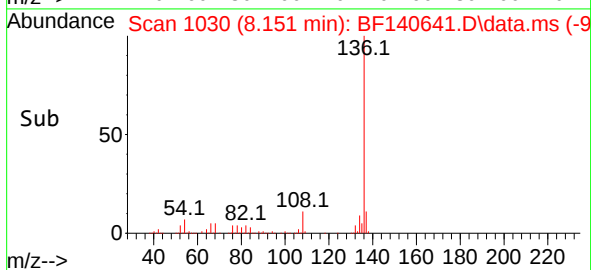
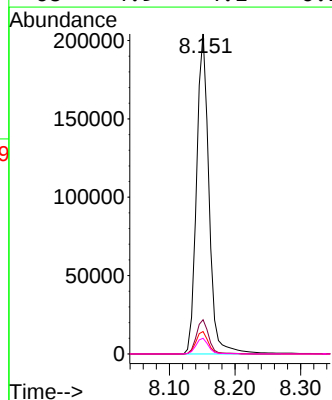
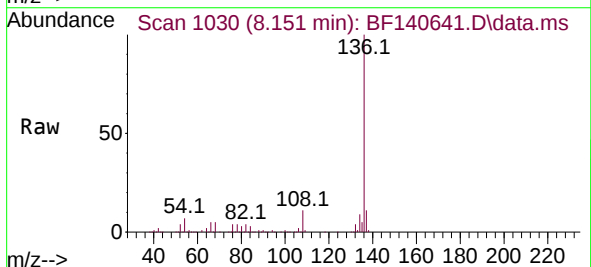
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.0 5.8 8.8

68 4.9 4.1 6.1

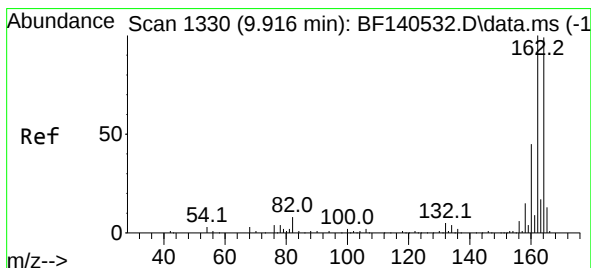
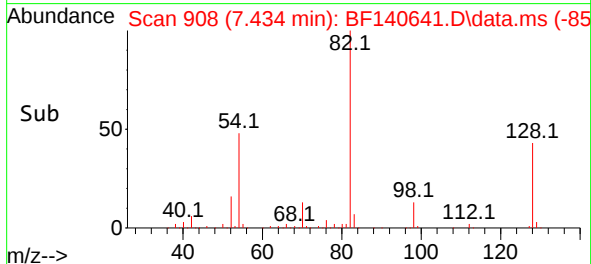
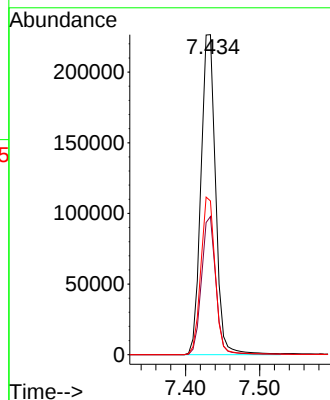
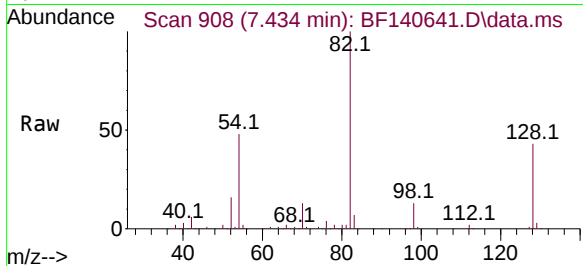




#23
 Nitrobenzene-d5
 Concen: 59.093 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140641.D
 Acq: 26 Nov 2024 14:55

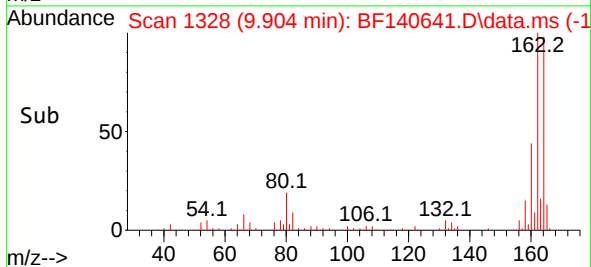
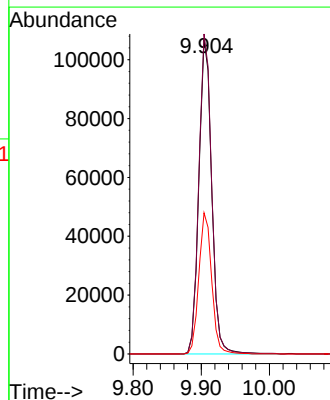
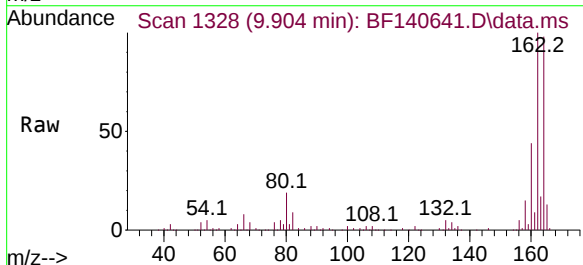
Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-005

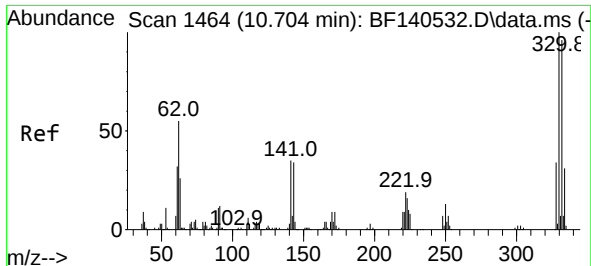
Tgt Ion: 82 Resp: 311652
 Ion Ratio Lower Upper
 82 100
 128 43.1 33.0 49.4
 54 48.1 39.5 59.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF140641.D
 Acq: 26 Nov 2024 14:55

Tgt Ion:164 Resp: 139709
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.6 120.8
 160 44.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 73.967 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140641.D

Acq: 26 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-005

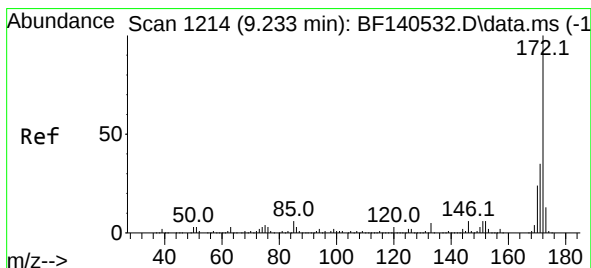
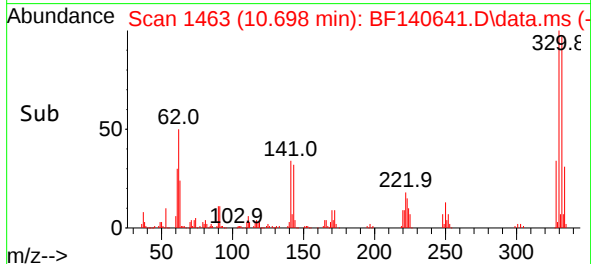
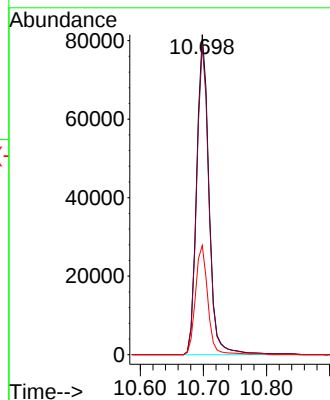
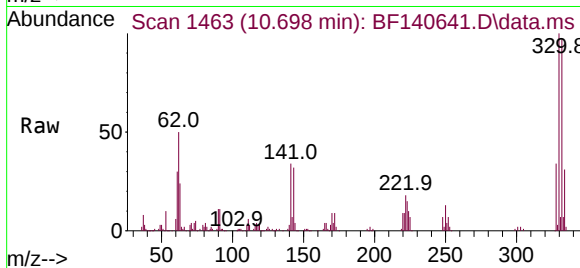
Tgt Ion:330 Resp: 110521

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 34.0 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 65.150 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140641.D

Acq: 26 Nov 2024 14:55

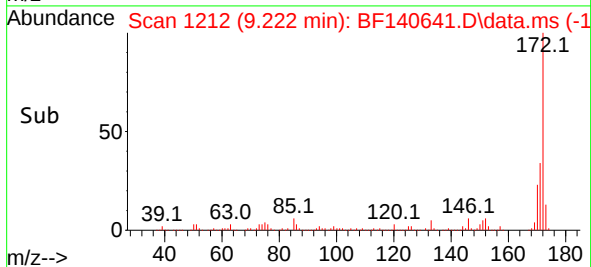
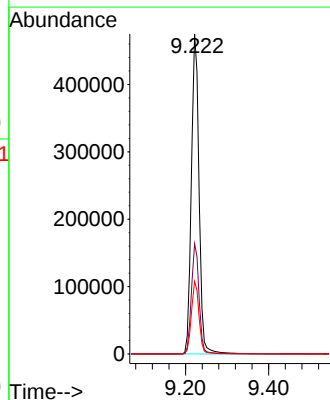
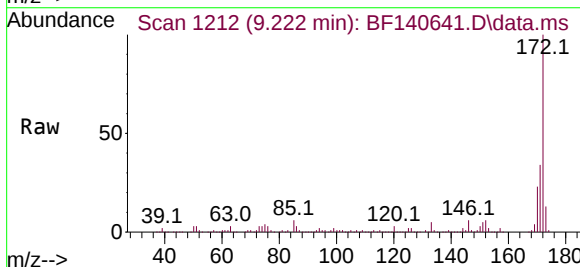
Tgt Ion:172 Resp: 610897

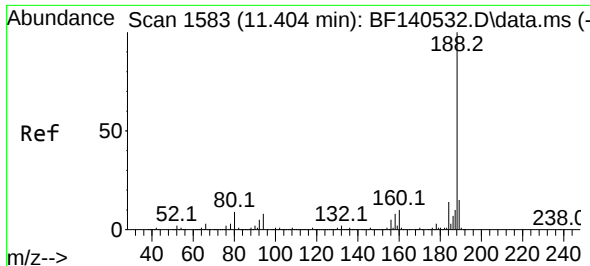
Ion Ratio Lower Upper

172 100

171 34.4 28.4 42.6

170 22.6 19.0 28.6

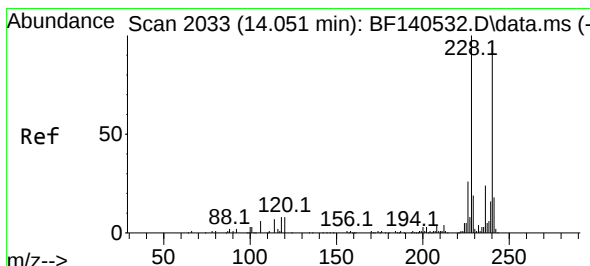
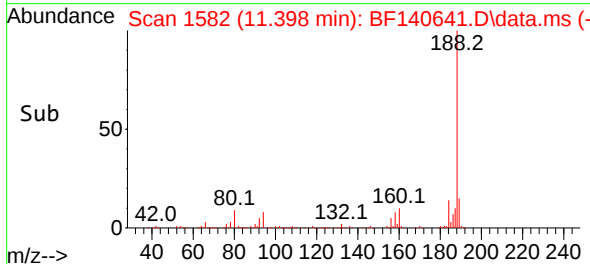
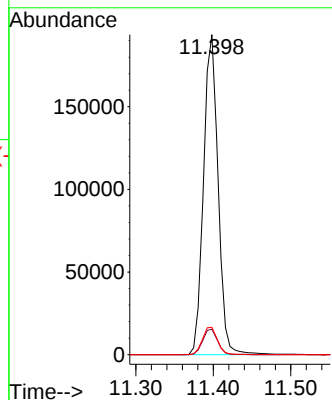
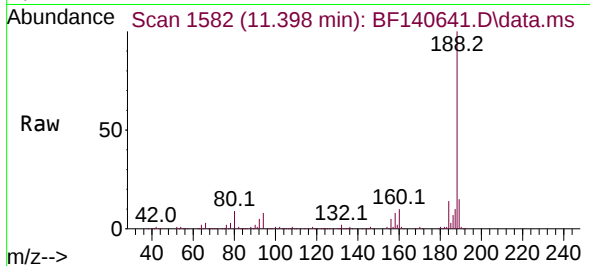




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140641.D
Acq: 26 Nov 2024 14:55

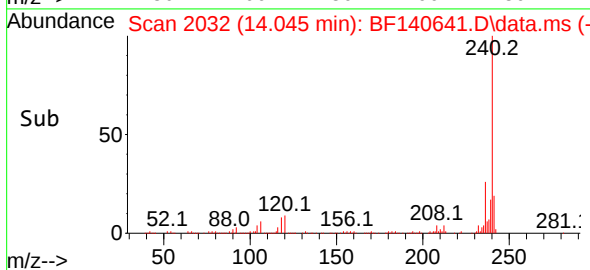
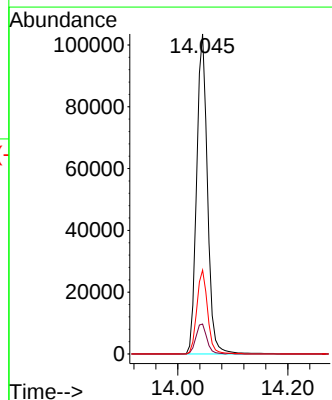
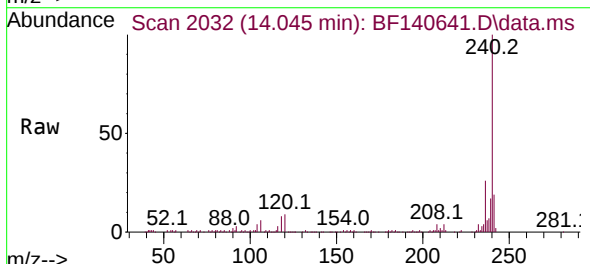
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-005

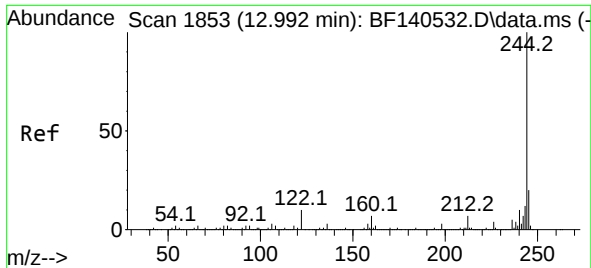
Tgt Ion:188 Resp: 252976
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140641.D
Acq: 26 Nov 2024 14:55

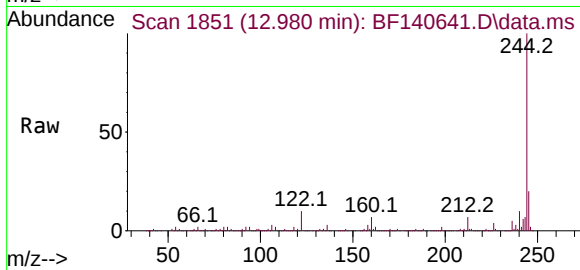
Tgt Ion:240 Resp: 141346
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 26.2 20.6 31.0



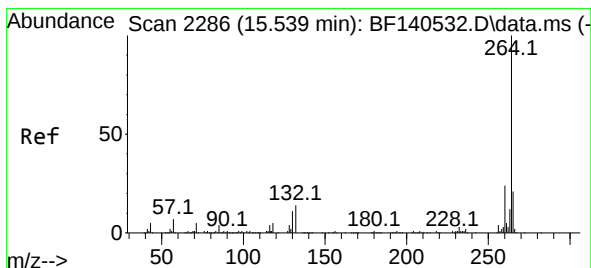
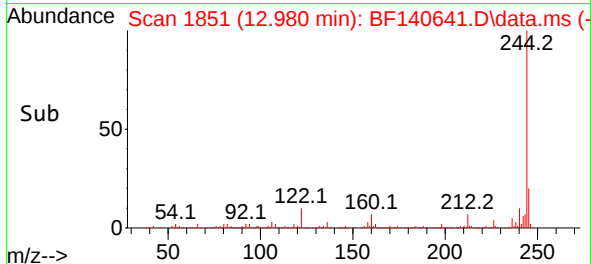
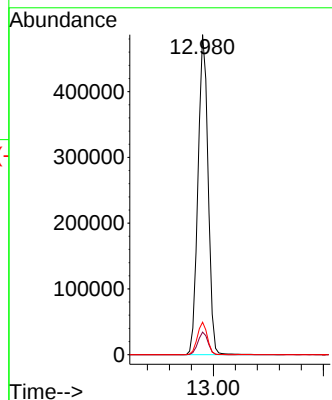


#79
Terphenyl-d14
Concen: 68.435 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140641.D
Acq: 26 Nov 2024 14:55

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-005



Tgt Ion:244 Resp: 621212
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.2 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF140641.D
Acq: 26 Nov 2024 14:55

Tgt Ion:264 Resp: 153491
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 21.1 16.6 25.0

